ARTIM-LR

Man portable, Battery Operated, High Performance Thermal Imaging Camera

ARTIM-LR is a man portable, dual FOV lightweight Thermal Imaging Camera/Sight operating in the 8-12 µm spectral band.

Main Features

- High range performance
- Outstanding picture quality
- Compact and lightweight construction
- Dual FOV
- Battery Operated
- Integral CRT display and eyepiece
- Remote control capability
- External LRF comm. interface
- Angulation Head comm. interface
- Additional video output

Applications

- Observation and surveillance tasks- fixed posts or man-portable
- TI sensor for target acquisition systems
- Night sight for:
  - Laser designation systems
  - Anti-Tank weapon systems
  - Air-Defence weapon systems
  - Para-Military and security forces

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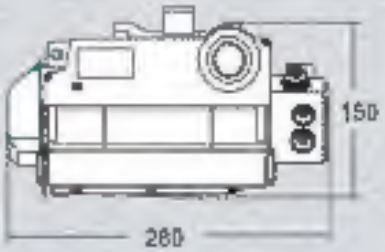
Technical Data

Spectral Band	8-10.5 µm
Entrance Aperture	110 mm
Fields of View:	
Wide	7.3° x 4.5°
Narrow	2.1° x 1.3°
Detector	MCT-PV with on-chip pre-processing
Cooler	Miniature, low power, integral with Dewar.
Power Sources	• Disposable LiSO2 battery • Rechargeable NiMH battery • External DC source (via adapter)
Weight	6 kg

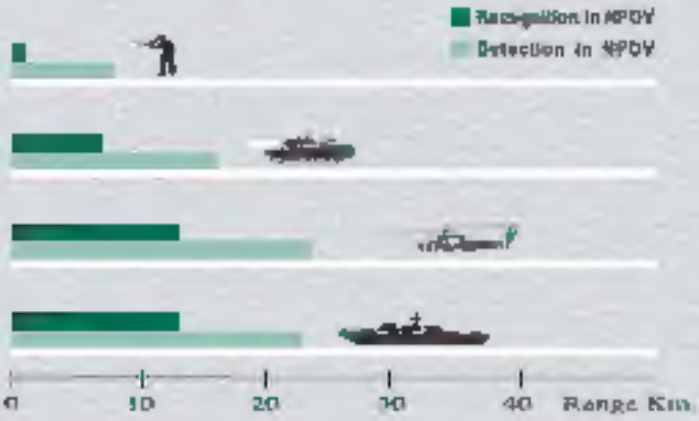
Environmental:

- Designed and Tested to MIL-STD-810
- Operating Temperature Range: -30°C - +55°C

Reliability: MTBF: > 1500 hours



Range Performance



Note: Parameters may be altered to comply with customer specifications.
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